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## ABSTRACT

Multiple independent displays from one graphics controller can be driven in a wide variety of modes using multiple display controllers. This invention incorporates a unique combination of enhancement building on a generic single multi-display graphics subsystem. Digital video is gaining vast popularity in the worldwide consumer, professional and commercial market. The applications of this invention cover all these market segments and include (but are not limited to) Digital Content Creation, Digital video playback, digital entertainment, DVD Authoring etc etc.